



# iMac Intel 21.5" EMC 2544 Logic Board Assembly Replacement

Prereq only.

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# INTRODUCTION

Prereq only.

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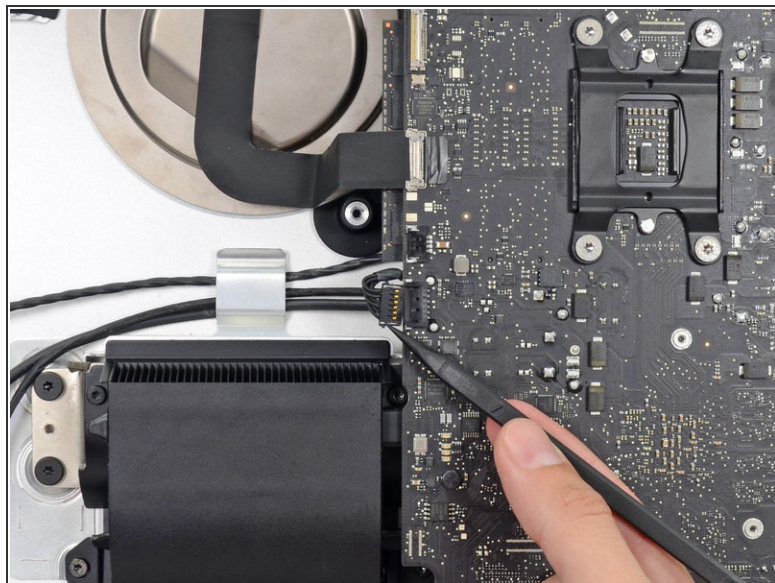
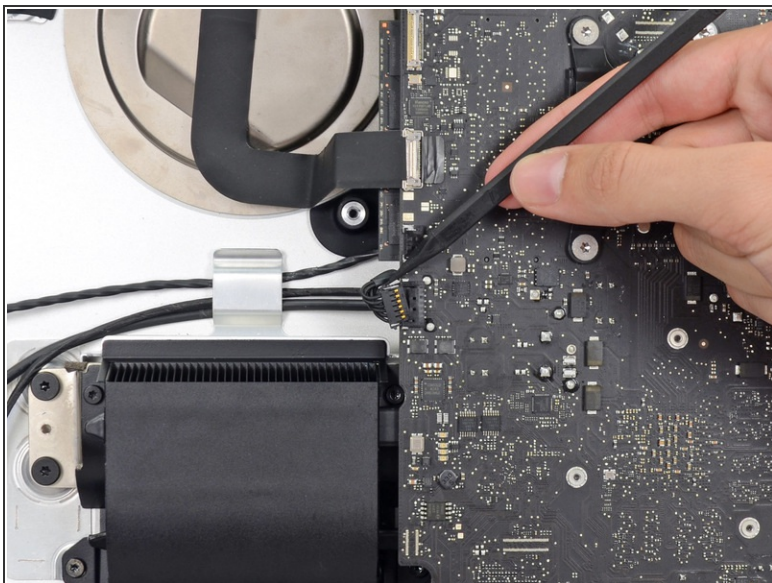


## TOOLS:

- [T10 Torx Screwdriver](#) (1)
  - [T8 Torx Screwdriver](#) (1)
  - [Spudger](#) (1)
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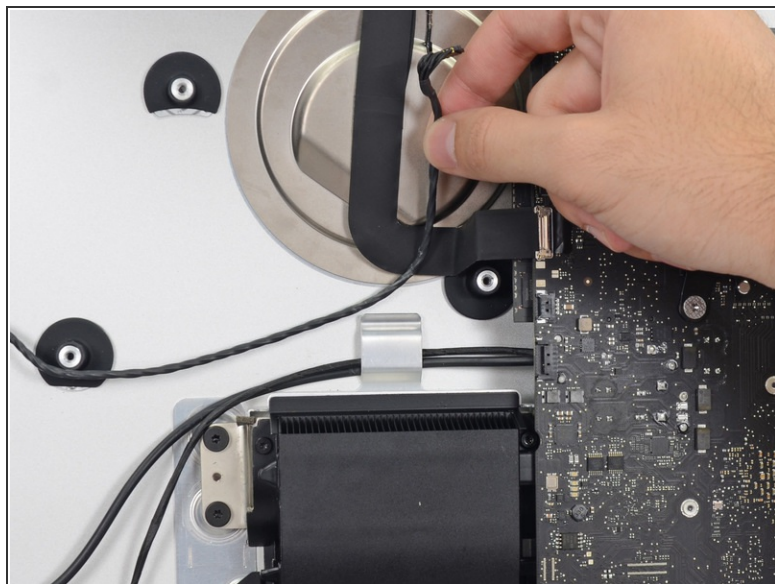
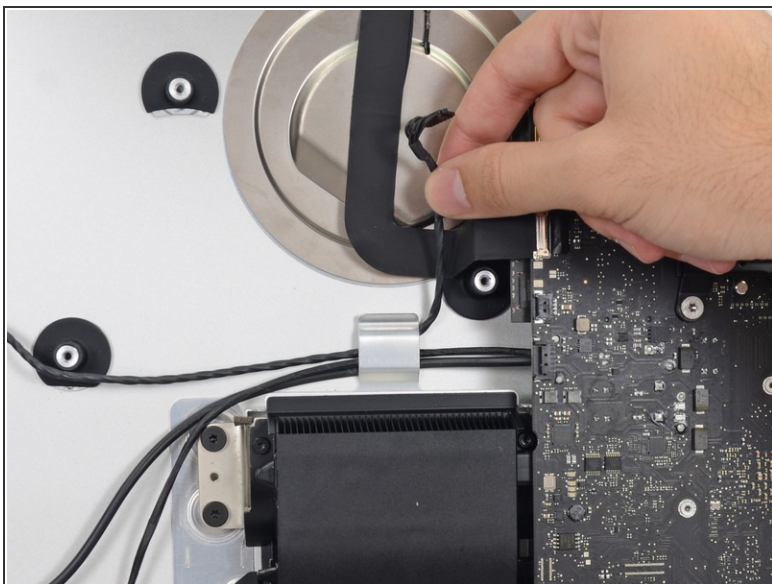


## Step 1 — Logic Board Assembly



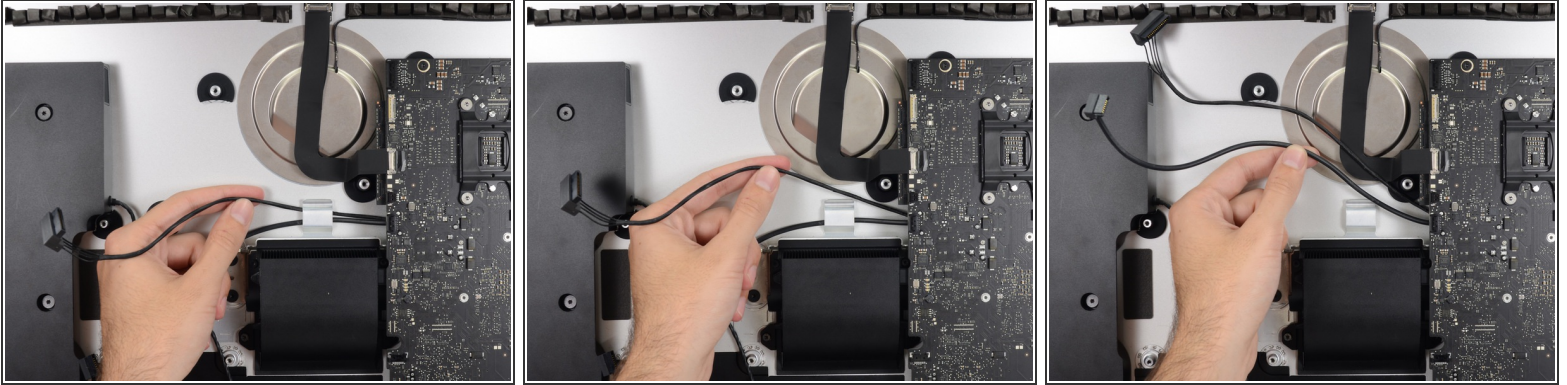
- Push on each side of the left speaker cable connector with the tip of a spudger and gently "walk" it out of its socket.

## Step 2



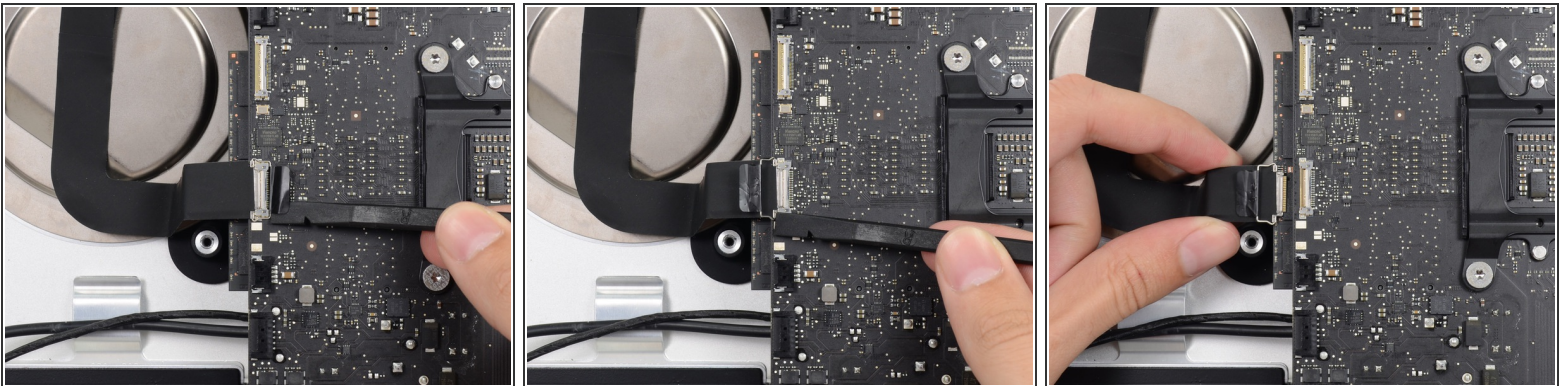
- De-route the left speaker cable by pulling it straight up out of the retaining clip in the back of the rear enclosure.

## Step 3



- In a similar fashion as the previous step, de-route the SATA data and power cables up out of the retaining clip.

## Step 4

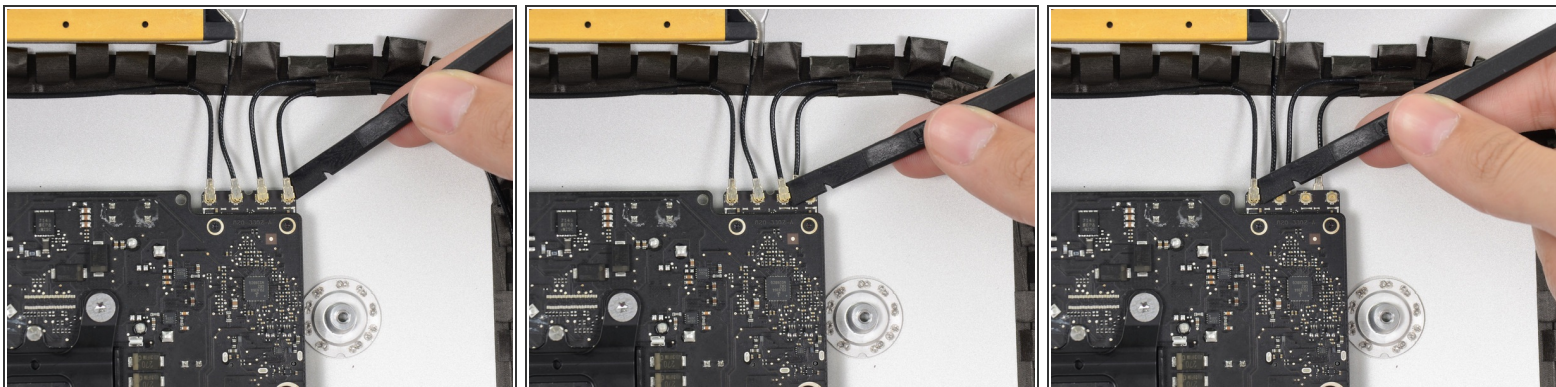


- Use the flat edge of a spudger to flip up the metal retaining bracket on the iSight camera cable connector.
- Pull the iSight camera cable straight out of its socket on the logic board.

⚠ This is a delicate connector that can be easily damaged.



## Step 5



- Use the flat edge of a spudger to disconnect each of the four antenna connectors from the AirPort/Bluetooth card.

☑ Note the original positions for each connector when reconnecting the cables.

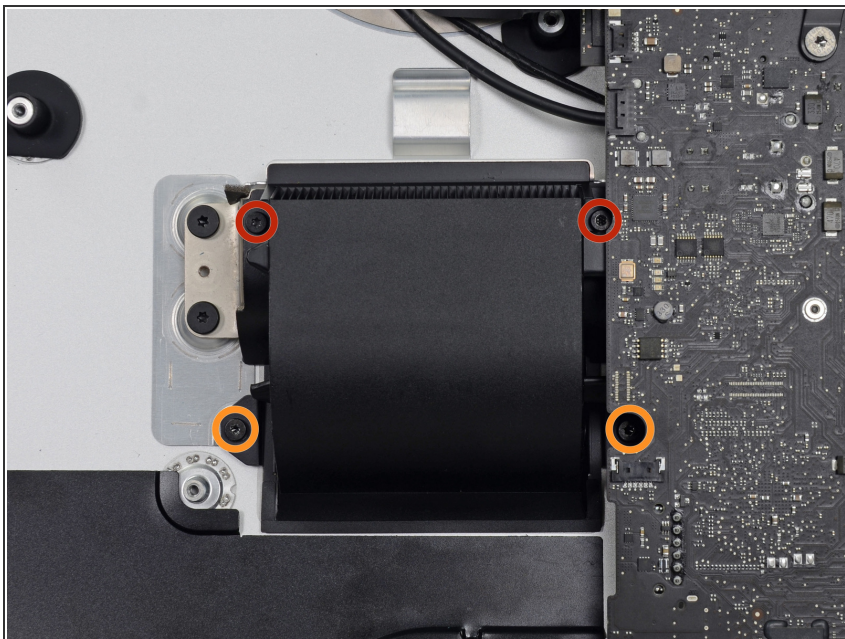
## Step 6



- Use the flat edge of a spudger to pry the headphone jack cable connector from its socket on the logic board.

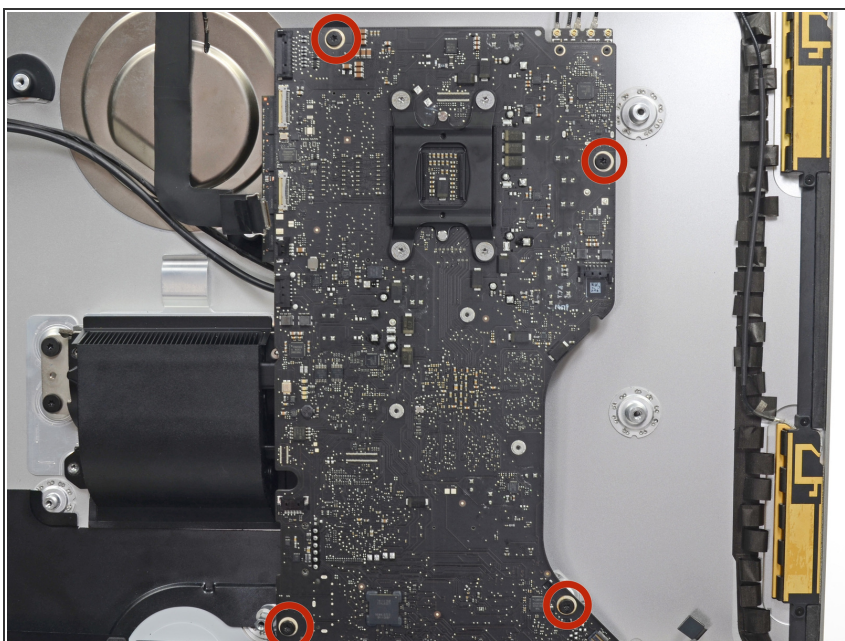
ⓘ Push the cable slightly to the right.

## Step 7



- Remove the following screws securing the exhaust duct to the rear enclosure:
  - Two 6.3 mm T8 screws
  - Two 4.7 mm T8 screws

## Step 8




- Remove the four 7.2 mm T10 screws securing the logic board to the rear enclosure.




## Step 9



- Tilt the top of the logic board away from the rear enclosure.
- Lift the logic board straight up and out of the iMac.

 Be careful not to snag the board on any of the rear case's screw posts.

 The I/O boards at the bottom of the logic board will be the greatest challenge. It is recommended to pull gently to avoid any damage.

To reassemble your device, follow these instructions in reverse order.

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